

From: [Kushner, Adam M.](#)
To: [Cantello, Nicole](#)
Cc: [Mendoza, Stephen](#); [Bush, Bonnie](#); [Breneman, Sara](#); [Brahmbhatt, Roshni](#); [Caudill, Motria](#); [Frank, Nathan](#); [Cohen, Eric](#)
Subject: RE: KCBX 114 information request
Date: Monday, February 24, 2014 3:36:52 PM

Thank you

From: Cantello, Nicole [mailto:cantello.nicole@epa.gov]
Sent: Monday, February 24, 2014 3:45 PM
To: Kushner, Adam M.
Cc: Mendoza, Stephen; Bush, Bonnie; Breneman, Sara; Brahmbhatt, Roshni; Caudill, Motria; Frank, Nathan; Cohen, Eric
Subject: RE: KCBX 114 information request

Hello Adam:

Below please find EPA comments on KCBX PM10 monitoring study QAPP, as discussed on the EPA/KCBX conference call of February 21, 2014.

Pg. 10 (of 58) Figure A-2, "Step 1," please describe the monitoring study in terms of "an environmental problem to be solved or decision to be made," per the QAPP guidelines, to the extent possible.

Pg. 15 –Figure B2.1, Sample inlet height should be between 2-7 meters above ground level. Please sample inlet height are no less than 2m.

Pg. 16 – For Table B-1, please provide make and model of meteorological monitors at #NT-NW and #ST-M.

Pg. 17 – PartisolPlus PM10; Sample inlet should be 2-7m.

Pg. 18 – For meteorological instrumentation, EPA suggests adding heater sleeves for met sensors if no adequate freeze protection. If KCBX contends adequate freeze protection exists, please provide an explanation.

Pg. 28 – B5.1 last paragraph, please add a check on the design flow rate as well +/- 5% of 16.7.

Pg. 29 – Please remove "informal" from description of audits on PM and met instruments.

Pg. 33, last paragraph – please include QC checks, calibration, and audits in monthly report.

Pg. 38, Reports to Management – please describe "significant deficiencies" and cause of significant data loss in the monthly report.

Pg. 38, last paragraph – EPA recommends that KCBX strike the CFR reference, given that a collocated monitor will not be deployed for SLAMs-type precision calculations. KCBX may

indicate the precision approach noted in Table A-1 and any additional calculations that KCBX will be performing.

Pg. 47 – KCBX should use the Q standard for PM10.

We appreciate your time and attention to this matter.

Best,

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